

EL[®]MARK

The Brand of Electricity

ELECTRICAL GASOLINE GENERATORS

EL-GF SERIES



GENERAL INFORMATION »

Generators are machines that provide electricity when power from the local grid is unavailable. Electrical generators are used as a primary power source in areas where a local electrical grid is unavailable or difficult to access such as mining and farming operations or even new developments and construction and to supply backup power to facilities, businesses, or homes during power outages. Electrical generators don't create electricity. They convert mechanical energy into electrical power. Capturing the power of motion and turning it into electrical energy by forcing electrons from the external source through an electrical circuit. A generator is an electrical motor working in reverse. Once an electrical current has been established, it is directed through copper wires to power machines, devices, or electrical systems.

FEATURES »

- ∴ **Automatic voltage regulator (AVR):** An automatic voltage regulator (AVR) is a electronic device for automatically maintaining generator output terminal voltage at a set value under varying load and operating temperature. It controls output by sensing the voltage V_{out} at a power-generating coil and comparing it to a stable reference. The error signal is then used to adjust an average value of the field current.
- ∴ **Switch for electric start:** no included by EL-3GF-6
- ∴ **Two power supply voltage:** 220 and 380V AC (all models without EL-3GF-6)
- ∴ **Four stroke engines:** more fuel efficient as compared to 2-stroke generators. They consume the fuel on every 4th cycle. Moreover 4 stroke engines is and more durability A 2-stroke engine works more as compared to a 4 stroke engine for a specific time. It is evident from the fact that a 2-stroke engine produces more heat and more exhaust in one hour as compared to a 4-stroke engine
- ∴ **Less sound:** A 4-stroke engine produces less sound and makes less pollution. It is safe for the environment. This is due to the fact that you do not have to add oil in the gas and hence no oil is burned during the combustion process
- ∴ **No Extra Oil in Fuel:** There is no need to add extra oil along with the fuel in the fuel tank. Separate engine oil is used which needs to be replaced after every 500 hours of activity
- ∴ **Compact design. User-friendly in operations**



PRODUCT DETAILS »

Model	Rated Power (kW)	Max. Power (kW)	Fuel tank capacity (L)	Fuel consumption (g/(kW · h))	Running time (h)	Catalogue number
EL-2.8GF-6	2.8	3	15	≤530	10	45GF36
EL-5GF-2-4	5	5.5	25	≤480	9.5	45GF524
EL-7GF-2-4	7	7.5	25	≤515	5.8	45GF724